

ID	Watershed	Proponent	Contact	Contact e-mail	Phone	Extension	Project Name	Project Timeframe	Estimated Cost	Project Description
2	Ventura River	Santa Barbara Channelkeeper	Kira Redmond, Executive Director	kira@sbck.org	(805) 563-3377	1	Ventura River Stream Team Citizen Monitoring Program	Ongoing	\$72,000	Santa Barbara Channelkeeper’s “Ventura River Stream Team” citizen water quality monitoring program recruits, trains and engages citizen volunteers in collecting important water quality data from 15 sites throughout the Ventura River watershed. The goals of program are to collect, analyze and disseminate data on the health of the Ventura River and its tributaries, identify and facilitate abatement of specific pollution problems in the watershed, and educate and activate a force of volunteer watershed stewards. We host monthly sampling events to train and engage citizen volunteers in collecting important data on the levels numerous physical and chemical parameters, including dissolved oxygen, turbidity, conductivity, pH, temperature, flow, nutrients (nitrite plus nitrate, orthophosphate, total dissolved nitrogen, and total dissolved phosphorus), as well as indicator bacteria (total coliform, E. coli, and Enterococcus), vegetative cover and aquatic life at each monitoring site. We also engage volunteers in conducting additional targeted monitoring efforts to help inform the River’s algae and trash TMDLs. All sampling adheres to Quality Assurance Project Plan approved by the State Water Resources Control Board (SWRCB). After each sampling event, data are entered into a database and reviewed for quality control purposes. We share our data with volunteers, the public and regulatory agencies through several means, including with the SWRCB for biennial updates to the 303(d) List, and our data have been used extensively by various agencies to help guide their pollution prevention efforts.

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22	Ventura River	Ventura Hillsides Conservancy	Derek Poultney	dpoultney@venturahil lsides.org	(805) 643- 8044		Ventura Hillsides Conservancy Lower Ventura River Habitat Restoration	Ongoing	Varies	VHC owns 15 acres of perennially flowing Ventura River and associated floodplain habitat along the lower Ventura River (Foster Park to the estuary). VHC is in the process of acquiring 80 additional acres of “river-bottom” or floodplain habitat within this reach, over 15-acres of which will be converted from industrial land use to river parkway. VHC has begun non-native invasive plant removal and native re-vegetation on its river properties at the upstream boundary of its interest area near Foster Park and will continue to work downstream to the beach. This work will improve water quantity and quality for the endangered steelhead and numerous other sensitive species. In total, VHC is authorized to conduct riparian habitat restoration on approximately 150 publicly- and privately-owned acres of the lower Ventura River. With significant volunteer labor and some contract labor, VHC is striving to eliminate at least 80% of the non-native vegetation in the lower river. Because we can channel any amount of funding into any appropriate acreage, the budget for this project is scalable. (revised 11/22/11)

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28	Ventura River	Ojai Valley Land Conservancy	Greg Gamble, Executive Director	greg@ovlc.org	(805) 649-6852		Floodplain Habitat Restoration	3 years	\$50,000 - \$2,000,000	The Floodplain Habitat Restoration project involves the removal of non-native species such as Giant Reed and the restoration and long term monitoring of native vegetation in the floodplain of the Ventura River and its tributaries. The flows and water quality in the Ventura River and its tributaries will benefit from the removal of high water use non-native plants such as Giant Reed, and the growth of native vegetation and natural wetland areas which can attenuate floods and help remove pollutants from water. The milestones or metrics for this project are the number of acres treated. The cost can average \$50,000 per acre and depends on the degree of non-native plant infestation, the number of retreatments necessary, and the need for planting of native plants. The cost includes the hiring of contractors, OVLC staff time managing the project and planting native plants, and/or the cost of the plants and other supplies. The total cost of the habitat restoration project is \$2,000,000, but it can be completed in phases, so fines of any amount between \$50,000 and \$2,000,000 can be utilized for this project, which can be completed in 6 months to 3 years depending on non-native removal and restoration needs.

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29	Ventura River	Ojai Valley Land Conservancy	Greg Gamble, Executive Director	greg@ovlc.org	(805) 649-6852		Trail Maintenance & Erosion Control	Annually	\$25,000	<p>The Trail Maintenance & Erosion Control project involves developing and maintaining roughly 25 miles of public use trails on Ojai Valley Land Conservancy nature preserves in the Ventura River watershed. The water quality in the Ventura River and its tributaries such as Rice Creek and Wills Creek benefit from the trail maintenance work which minimizes erosion while maximizing public access and benefit. Specific trail maintenance activities – and the milestones or metrics for this project – include installation of water bars, periodic trail reroutes (e.g. abandon and restore eroding sections, build new trail sections), and the management of vegetation and the trail walking surface to ensure safe travel and minimize erosion.</p> <p>The annual cost of maintaining roughly 25 miles of trails on OVLC preserves is approximately \$25,000 including time and materials. Trail maintenance can be completed in phases, so fines of any amount up to \$25,000 can be utilized for this purpose, and projects can be completed within months typically.</p>

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44	Ventura River	Ventura County Resource Conservation District	Lexi Everhart	lexieverhart.vcrcd@gmail.com	(805) 764-5135		BMP Education and Implementation for Equestrian Facilities in the Ventura River Watershed	3 years	\$365,000	Established in 2012, the Ventura County Resource Conservation District’s (VCRCD) Storm Water Quality Best Management Practices (BMP) Program has and continues to address the Algae, Eutrophic Conditions, and Nutrients Total Maximum Daily Load (TMDL) for the Ventura River Watershed. The program’s primary focus is the mitigation of storm water runoff from horse and livestock facilities in Ventura County through outreach, education, technical expertise, and BMP installation. VCRCD offers complimentary site visits and site-specific Nutrient Management Plan recommendation reports to horse and livestock owners for the purpose of improving their manure management practices. Over the past few years, the Storm Water Quality Program has assisted about a dozen landowners and/or facility managers, representing over 800 acres of property and nearly 500 livestock animals. To date, the program’s site visits have resulted in the potential mitigation of nearly 3,000 tons of manure from the Ventura River. Funds are being requested for VCRCD staff to enhance the program’s education and outreach efforts, conduct site visits, and to provide 15 horse and livestock owners cost-share opportunities to install or construct BMPs on their properties. BMPs include composting infrastructure, manure bunkers, filter strips, roof drainage, and more. The cost-share opportunity would only cover equipment costs; labor and permitting is the responsibility of the landowner. The estimated cost of this project is \$365,000, which will be expended over a three-year period. VCRCD believes that increased education, outreach, and cost-share funds for BMP implementation will incentivize local facility owners to make timely manure management practice improvements before the onset of upcoming regulation.